В.	EQUIPMENT TO BE FURNISHED AND INSTALLED BY	THE CO	NTRACTOR	
ITEM NO.	DESCRIPTION	QUANT	QUANTITY	
1001	Maintenance of traffic per assignment.	2	EA	
1003	Removal of existing permanent pavement line markings Any Width	260	L.F.	
2002	Test Pit Excavation	2	C.Y.	
5001	5" white lead free permanent preformed thermoplastic pavement marking.	110	L.F.	
5002	12" white lead free permanent preformed thermoplastic pavement marking.	420	L.F.	
5003	24" white lead free permanent preformed thermoplastic pavement marking.	100	L.F.	
8001	12" LED signal head section.	40	EA	
8003	2 wire Central Control unit	1	EA	
8007	8" LED signal head section.	6	EA	
8010	Audible/tactile pedestrian pushbutton station & signs.	4	EA	
8011	Breakaway pedestal pole (ANY SIZE)	3	EA	
8014	LED 16" countdown pedestrian signal heads.	4	EA	
8017	Remove and dispose of existing material & equipment per assignment.	1	EA	
8028	Schedule 80 rigid PVC conduit up to 4" - trenched.	220	L.F.	
8034	No. 6 AWG stranded bare copper ground wire.	350	L.F.	
8048	Video detector camera & cable up to 500'.	1	EA	
8056	Electrical cable — 2 conductor (No. 14 AWG).	475	L.F.	
8058	Electrical cable – 5 conductor (No. 14 AWG).	475	L.F.	
8059	Electrical cable — 7 conductor (No. 14 AWG).	420	L.F.	

EQUIPMENT TO BE REMOVED

All removed signal materials are to become

the property of the contractor.

D₩ DW **←**Y-/Y **←**Y-/Y R Y/-G→ DW DW 2 & 5 CHANGE PHASE 2 & 6 PED CLEAR / COUNTDOWN FL/DW FL/DW 2 & 6 CHANGE R DW DW R PHASE 4 & 8 DW DW DW 4 & 8 CHANGE DW DW DW DW DW DW PHASE 4 ALT WK FL/DW | FL/DW PED CLEAR / COUNTDOWN DW 4 ALT CHANGE DW D₩ FLASHING FL/Y FL/Y FL/Y FL/Y FL/Y FL/R | FL/R | FL/R FL/R DARK DARK DARK FL/R FL/R OPERATION WIRING DIAGRAM -A.C.H **←**A,C,H ______ **-----**-B.D.E.G.J.M × 211640 Existing overhead **└**A,B,C,D,E,F Interconnect cable to MD 140 at B.E.J.M> <u></u>G,H,J,K,M,N High Falcon Rd -B,D,E,G,J,M WIRING KEY 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G) 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G) STATE OF MARYLAND H 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G) DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION L - STRANDED BARE COPPER GROUND MD 140 (REISTERSTOWN RD.) WIRE (NO. 6 A.W.G.) AND DOLFIELD BLVD / RICHMAR RD M - EXISTING OVERHEAD 12 PAIR INTERCONNECT CABLE REISTERSTOWN, MARYLAND N - VIDEO DETECTION CABLE UP TO 500' GENERAL INFORMATION SHEET * - USE EXISTING WIRING SCALE NONE DATE 6/19/09 CONTRACT NO. XX4485185 EL - EXISTING LOOP DESIGNED BY JAMES ALLEN Jr. COUNTY BALTIMORE EP - EXISTING MICROLOOP PROBE DRAWN BY JAMES ALLEN Jr. LOGMILE <u>03014006.87</u> CHECKED BY

Α.	EQUIPMENT TO BE SUPPLIED BY S.H.A		
ITEM NO.	DESCRIPTION	QUA	NTI
9086	Video detection interface equipment: 1-4 cameras (To be installed by signal shop).	1	EA
9571	Sheet aluminum signs to consist of: (pole mount)	4	SF
	Pedestrian education R10-3(1) (Note: Sign to read "PUSHBUTTON TO CROSS DOLFIELD BOULEVARD")	2	EA
	Pedestrian education R10-3(1) (Note: Sign to read "PUSHBUTTON TO CROSS REISTERSTOWN ROAD")	2	EA

PHASE CHART

11 12 13 14 15 16

4-G-/R **4**-G-/R **4**-G-/R PHASE 1 & 5 **∢**G-/R R R/−G→ DW CHANGES TO PHASES 1 & 6, 2 & 5 OR 2 & 6 PHASE 1 & 6 **←**G-/G **←**G-/G DW DW DW 1 & 6 CHANGE DW ----**4**-Y-/Y **←**Y-/Y DW DW DW **4**-G--/G **4**-G--/G R R/−G→ PHASE 2 & 5

ES - EXISTING OVERHEAD SERVICE

STREET TRAFFIC STUDIES, LTD. 400 Crain Hwy, NW. Gian Burnie, MD 21061

TOD NO.

TS NO. 3591B DRAWING NO. 2 OF 2 SHEET NO.

F.A.P. NO.

PLOTTED: \$DATETIME\$
FILE: \$FILE\$

Ph (410) 590-5500 Fax (410) 590-6637